		Smart Skie	es
		2000 Mathem	atics
		Academic Star	ndards
Indiana Mathematic	S		
Grade 5			
Activity/Lesson	State	Standards	
-			Use information taken from a graph or equation
Fly by Math	IN	MA.5.5.3.7	to answer questions about a problem situation.
			Understand that the length of a horizontal line segment on a coordinate plane equals the
			difference between the x-coordinates and that
			the length of a vertical line segment on a
			coordinate plane equals the difference between
Line Up with Math	IN	MA.5.5.3.6	the y-coordinates.
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		Smart Skie	
		2000 Mathem	
Indiana Mathematic	•	Academic Star	
Grade 6	S		
Activity/Lesson	State	Standards	
Addivity/E000011	Otato	Otaridardo	
			Select and apply appropriate standard units and
			tools to measure length, area, volume, weight,
Fly by Math	IN	MA.6.6.5.1	time, temperature, and the size of angles.
			Organize and display single-variable data in
			appropriate graphs and stem-and-leaf plots, and
			explain which types of graphs are appropriate
Fly by Math	IN	MA.6.6.6.1	for various data sets.
			Calcat and apply appropriate atandard units and
			Select and apply appropriate standard units and tools to measure length, area, volume, weight,
Line Up with Math	IN	MA.6.6.5.1	time, temperature, and the size of angles.
Line op with Matri	114	WA.U.U.J. 1	time, temperature, and the size of angles.
		Smart Skie	
		2000 Mathem	
Indiana Mathamatia		Academic Star	ndards
Indiana Mathematic Grade 7	S		
Activity/Lesson	State	Standards	
Addivity/Edddon	Otato	Otaridardo	Draw the graph of a line given the slope and one
Fly by Math	IN	MA.7.7.3.8	point on the line, or two points on the line.
, , , , ,			, , , , , , , , , , , , , , , , , , ,
			Analyze, interpret, and display data in
			appropriate bar, line, and circle graphs and stem-
Fly by Math	IN	MA.7.7.6.1	and-leaf plots, and justify the choice of display.
			Draw the graph of a line given the slope and one
Line Up with Math	IN	MA.7.7.3.8	point on the line, or two points on the line.
			Identify and describe situations with constant or
			varying rates of change and know that a
Line I In with Math	IN	MA.7.7.3.10	constant rate of change describes a linear function.
Line Up with Math	IIN	IVIA.1.1.3.1U	านาเปมีปา.

		Smart Skies				
		2000 Mathemat				
Academic Standards						
Indiana Mathematics						
Grade 8						
Activity/Lesson	State	Standards				
			Find the slope of a linear function given the			
			equation and write the equation of a line given			
Fly by Math	IN	MA.8.8.3.6	the slope and any point on the line.			
			Identify properties of three-dimensional			
			geometric objects (e.g., diagonals of rectangular			
			solids) and describe how two or more figures			
Fly by Math	IN	MA.8.8.4.3	intersect in a plane or in space.			
			Solve simple problems involving rates and			
			derived measurements for attributes such as			
Fly by Math	IN	MA.8.8.5.2	velocity and density.			
			Analyze, interpret, and display single- and two-			
			variable data in appropriate bar, line, and circle			
			graphs; stem-and-leaf plots; and box-and-			
			whisker plots and explain which types of display			
Fly by Math	IN	MA.8.8.6.4	are appropriate for various data sets.			
			Find the slope of a linear function given the			
			equation and write the equation of a line given			
Line Up with Math	IN	MA.8.8.3.6	the slope and any point on the line.			
			Identify properties of three-dimensional			
			geometric objects (e.g., diagonals of rectangular			
			solids) and describe how two or more figures			
Line Up with Math	IN	MA.8.8.4.3	intersect in a plane or in space.			
			Solve simple problems involving rates and			
			derived measurements for attributes such as			
Line Up with Math	IN	MA.8.8.5.2	velocity and density.			
		Smart Skies				
		2000 Mathemat				
Indiana Mathamatica		Academic Stand	arus			
Indiana Mathematics	1\					
Grades 9-12 (Algebra		Standards				
Activity/Lesson Fly by Math	State IN	MA.9-12.A1.3.2	Interpret a graph representing a given situation			
i iy by iviaul	11 1	IVIA.9-12.A1.3.2	Interpret a graph representing a given situation. Find the slope, x-intercept and y-intercept of a			
			line given its graph, its equation, or two points			
Ely by Math	INI	MA 0 12 A1 4 2	on the line.			
Fly by Math	IN	MA.9-12.A1.4.2				
			Find the slope, x-intercept and y-intercept of a line given its graph, its equation, or two points			
Line Up with Math	IN	MA.9-12.A1.4.2	on the line.			
Line up with Math	III	IVIA.9-12.A1.4.2	on the lift.			